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Claims

1. A pharmaceutical composition for parenteral administration comprising a somatostatin analogue comprising the amino acid sequence of formula I

wherein X₁ is a radical of formula (a) or (b)

$$-NH$$
 $-CO$ $-NH$ $-CO$ $-CH_2R_1$ (a) $-CH_2$ (b) $-CH_3$

wherein R₁ is optionally substituted phenyl,

 R_2 is $-Z_1-CH_2-R_1$, $-CH_2-CO-O-CH_2-R_1$,

wherein Z₁ is O or S, and

 X_2 is an α -amino acid having an aromatic residue on the C_α side chain, or an amino acid unit selected from Dab, Dpr, Dpm, His,(BzI)HyPro, thienyl-Ala, cyclohexyl-Ala and t-butyl-Ala, the residue Lys of said sequence corresponding to the residue Lys 9 of the native somatostatin-14

in free form, salt form, or protected form and tartaric acid.

2. A composition according to claim 1 wherein the somatostatin analogue is a compound of formula II

wherein the configuration at C-2 is (R) or (S) or a mixture thereof, and

wherein R is NR_1R_2 - C_{2-6} alkylene or guanidine- C_{2-6} alkylene, and each of R_1 and R_2 independently is H or C_{1-4} alkyl,

in free form, salt form or protected form.

- 3. A composition according to claim 1 or 2 wherein the compound of the somatostatin analogue is in aspartate di-salt form.
- A composition according to any preceding claim wherein the composition is adjusted to a pH of about 4 to about 4.5.
- 5. A composition for parenteral administration buffered at a pH of about 4 to about 4.5 and comprising as active ingredient cyclo[{4-(NH₂-C₂H₄-NH-CO-O-)Pro}-Phg-DTrp-Lys-Tyr(4-Bzl)-Phe] or a pharmaceutically acceptable salt thereof.
- A composition according to claim 5 wherein the composition is buffered by an acetate/acetic acid, lactate/ lactic acid, or Glycin / HCl buffer.
- 7. Use of a pharmaceutical composition according to any one of claims 1 to 6 for the preparation of a medicament for acromegaly or cancer.
- 8. Use according to claim 6 for the preparation of a medicament for Cushing's Disease.
- A method of treating acromegaly or cancer in a subject in need thereof which comprises administering a pharmaceutical composition according to any one of claims 1 to 7 to the subject.

10. A compound of formula III

wherein R is NR_1R_2 - C_{2-6} alkylene or guanidine- C_{2-6} alkylene, and each of R_1 and R_2 independently is H or C_{1-4} alkyl,

in free form, in salt form or complex form, or in protected form, e.g. $cyclo[{4-(NH_2-C_2H_4-NH-CO-O-)Pro}-DPhg-DTrp-Lys-Tyr(4-Bzl)-Phe].$